

**Childhood Cancer Incidence Analysis, 1982-1994****Leukemia Incidence by Town and Sex****Upper Cape Region Towns**

<b>Barnstable</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 %</b>	<b>CI</b>
MALES	5	2.6	189	61 --	442
FEMALES	0	1.9	NC	NC	
TOTAL	5	4.5	111	36 --	258

<b>Bourne</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 %</b>	<b>CI</b>
MALES	0	1.3	NC	NC	
FEMALES	1	0.9	NC	NC	
TOTAL	1	2.2	NC	NC	

<b>Falmouth</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 %</b>	<b>CI</b>
MALES	1	1.9	NC	NC	
FEMALES	2	1.4	NC	NC	
TOTAL	3	3.3	NC	NC	

<b>Mashpee</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 %</b>	<b>CI</b>
MALES	0	0.5	NC	NC	
FEMALES	0	0.4	NC	NC	
TOTAL	0	1.0	NC	NC	

<b>Sandwich</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 %</b>	<b>CI</b>
MALES	2	1.2	NC	NC	
FEMALES	1	0.8	NC	NC	
TOTAL	3	2.0	NC	NC	

<b>Upper Cape</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 %</b>	<b>CI</b>
MALES	8	7.5	106	46 --	209
FEMALES	4	5.4	NC	NC	
TOTAL	12	13.0	92	48 --	162

**Childhood Cancer Incidence Analysis, 1982-1994****Lymphoma Incidence by Town and Sex****Upper Cape Region Towns**

<b>Barnstable</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	2	1.7	NC	NC
FEMALES	2	1.3	NC	NC
TOTAL	4	3.0	NC	NC

<b>Bourne</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	2	0.9	NC	NC
FEMALES	1	0.6	NC	NC
TOTAL	3	1.5	NC	NC

<b>Falmouth</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	2	1.3	NC	NC
FEMALES	1	1.0	NC	NC
TOTAL	3	2.2	NC	NC

<b>Mashpee</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	1	0.3	NC	NC
FEMALES	0	0.2	NC	NC
TOTAL	1	0.4	NC	NC

<b>Sandwich</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	0	0.7	NC	NC
FEMALES	0	0.5	NC	NC
TOTAL	0	1.2	NC	NC

<b>Upper Cape</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	7	4.8	146	58 -- 300
FEMALES	4	3.5	NC	NC
TOTAL	11	8.3	132	66 -- 236

**Childhood Cancer Incidence Analysis, 1982-1994****Renal Tumor Incidence by Town and Sex****Upper Cape Region Towns**

<b>Barnstable</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	0	0.4	NC	NC
FEMALES	1	0.4	NC	NC
TOTAL	1	0.8	NC	NC

<b>Bourne</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	1	0.2	NC	NC
FEMALES	0	0.2	NC	NC
TOTAL	1	0.4	NC	NC

<b>Falmouth</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	0	0.3	NC	NC
FEMALES	0	0.3	NC	NC
TOTAL	0	0.6	NC	NC

<b>Mashpee</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	0	0.1	NC	NC
FEMALES	1	0.1	NC	NC
TOTAL	1	0.2	NC	NC

<b>Sandwich</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	0	0.2	NC	NC
FEMALES	1	0.2	NC	NC
TOTAL	1	0.4	NC	NC

<b>Upper Cape</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	1	1.1	NC	NC
FEMALES	3	1.2	NC	NC
TOTAL	4	2.3	NC	NC

**Childhood Cancer Incidence Analysis, 1982-1994**  
**Carcinoma Incidence by Town and Sex**  
**Upper Cape Region Towns**

<b>Barnstable</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	1	0.5	NC	NC
FEMALES	1	0.9	NC	NC
TOTAL	2	1.4	NC	NC

<b>Bourne</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	0	0.3	NC	NC
FEMALES	1	0.4	NC	NC
TOTAL	1	0.7	NC	NC

<b>Falmouth</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	1	0.4	NC	NC
FEMALES	3	0.7	NC	NC
TOTAL	4	1.1	NC	NC

<b>Mashpee</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	0	0.1	NC	NC
FEMALES	0	0.1	NC	NC
TOTAL	0	0.2	NC	NC

<b>Sandwich</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	0	0.2	NC	NC
FEMALES	0	0.4	NC	NC
TOTAL	0	0.6	NC	NC

<b>Upper Cape</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	2	1.5	NC	NC
FEMALES	5	2.5	198	64 -- 462
TOTAL	7	4.0	174	70 -- 359

**Childhood Cancer Incidence Analysis, 1982-1994**  
**Central and Sympathetic Nervous System Tumors**  
**Upper Cape Region Towns**

<b>Barnstable</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 %</b>	<b>CI</b>
MALES	0	2.7	NC	NC	
FEMALES	2	2.0	NC	NC	
TOTAL	2	4.7	NC	NC	

<b>Bourne</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 %</b>	<b>CI</b>
MALES	1	1.3	NC	NC	
FEMALES	1	1.0	NC	NC	
TOTAL	2	2.3	NC	NC	

<b>Falmouth</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 %</b>	<b>CI</b>
MALES	1	1.9	NC	NC	
FEMALES	1	1.5	NC	NC	
TOTAL	2	3.4	NC	NC	

<b>Mashpee</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 %</b>	<b>CI</b>
MALES	0	0.6	NC	NC	
FEMALES	1	0.4	NC	NC	
TOTAL	1	1.0	NC	NC	

<b>Sandwich</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 %</b>	<b>CI</b>
MALES	3	1.2	NC	NC	
FEMALES	0	0.9	NC	NC	
TOTAL	3	2.1	NC	NC	

<b>Upper Cape</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 %</b>	<b>CI</b>
MALES	5	7.8	64	21 --	150
FEMALES	5	5.7	87	28 --	203
TOTAL	10	13.5	74	35 --	136

**Childhood Cancer Incidence Analysis, 1982-1994****Soft Tissue and Malignant Bone Tumors****Upper Cape Region Towns**

<b>Barnstable</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	1	1.5	NC	NC
FEMALES	2	1.1	NC	NC
TOTAL	3	2.6	NC	NC

<b>Bourne</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	1	0.8	NC	NC
FEMALES	0	0.5	NC	NC
TOTAL	1	1.3	NC	NC

<b>Falmouth</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	1	1.1	NC	NC
FEMALES	1	0.8	NC	NC
TOTAL	2	1.9	NC	NC

<b>Mashpee</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	0	0.2	NC	NC
FEMALES	0	0.2	NC	NC
TOTAL	0	0.4	NC	NC

<b>Sandwich</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	1	0.6	NC	NC
FEMALES	0	0.5	NC	NC
TOTAL	1	1.1	NC	NC

<b>Upper Cape</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	4	4.3	NC	NC
FEMALES	3	3.0	NC	NC
TOTAL	7	7.3	96	38 -- 197

**Childhood Cancer Incidence Analysis, 1982-1994****Other Cancers****Upper Cape Region Towns**

<b>Barnstable</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	0	0.7	NC	NC
FEMALES	0	0.6	NC	NC
TOTAL	0	1.3	NC	NC

<b>Bourne</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	0	0.4	NC	NC
FEMALES	1	0.3	NC	NC
TOTAL	1	0.7	NC	NC

<b>Falmouth</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	2	0.5	NC	NC
FEMALES	1	0.5	NC	NC
TOTAL	3	1.0	NC	NC

<b>Mashpee</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	0	0.1	NC	NC
FEMALES	0	0.1	NC	NC
TOTAL	0	0.2	NC	NC

<b>Sandwich</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	0	0.3	NC	NC
FEMALES	0	0.3	NC	NC
TOTAL	0	0.6	NC	NC

<b>Upper Cape</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 % CI</b>
MALES	2	2.1	NC	NC
FEMALES	2	1.7	NC	NC
TOTAL	4	3.8	NC	NC

Other Cancers include Hepatic Tumors, Germ-Cell, Trophoblastic & other Gonadal  
Neoplasms, and Other & Unspecified Malignant Neoplasms.

**Childhood Cancer Incidence Analysis, 1982-1994****Total Cancer Incidence by Town and Sex****Upper Cape Region Towns**

<b>Barnstable</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 %</b>	<b>CI</b>
MALES	9	10.4	86	39 --	164
FEMALES	8	8.4	95	41 --	188
TOTAL	17	18.8	90	53 --	145

<b>Bourne</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 %</b>	<b>CI</b>
MALES	5	5.4	93	30 --	218
FEMALES	5	3.9	128	41 --	298
TOTAL	10	9.3	108	52 --	198

<b>Falmouth</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 %</b>	<b>CI</b>
MALES	8	7.6	106	46 --	208
FEMALES	9	6.2	145	66 --	275
TOTAL	17	13.8	123	72 --	197

<b>Mashpee</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 %</b>	<b>CI</b>
MALES	1	1.9	NC	NC	
FEMALES	2	1.6	NC	NC	
TOTAL	3	3.6	NC	NC	

<b>Sandwich</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 %</b>	<b>CI</b>
MALES	6	4.5	133	49 --	289
FEMALES	2	3.6	NC	NC	
TOTAL	8	8.1	99	43 --	195

<b>Upper Cape</b>	<b>Observed</b>	<b>Expected</b>	<b>SIR</b>	<b>95 %</b>	<b>CI</b>
MALES	29	29.8	97	65 --	140
FEMALES	26	23.7	110	72 --	161
TOTAL	55	53.5	103	77 --	134